

# **ANNUAL REPORT**

**2020-21**

## **DBT STAR COLLEGE SCHEME**

**SUPPORTED**

**BY**

**DEPARTMENT OF BIOTECHNOLOGY**

Ministry of Science and Technology

Government of India



**Guru Nanak College (Autonomous)**

**Guru Nanak Salai, Velachery, Chennai – 600042**

## Projects undertaken by Students

### Department of Chemistry

S.No.	Title	Name of Student	Class
1	Biological Activities of Acorus Calamus – A Review	Jeevashri. M Keerthana. V	III-B.Sc
2	Garbage to worthwhile material :A review on Eggshell Applications.	Roshni. S Diana. J	III-B.Sc
3	Ecofriendly synthesis of ZnMOF(Metal Organic Framework) Compounds and characterization.	Prabhu. S Gokul. S.G.	III-B.Sc

### Department of Plant Biology and Plant Biotechnology

S.No.	Title	Name of Student	Class
1	Green Auditing 2018-2019	Kowshik Srinivas Elakkiyan , Bharath Himanshu Gupta	II- B.Sc
2	Guru Chukangar Beetroot Tulips	Preethi. S	III-B.Sc
3	Sip & Burst Health Hot Drinks	AdaikalaVincy	III-B.Sc
4	Evaluation and Comparison of the impact of seed Priming Treatments on Seed Germination of Onion ( <i>Allium cepa</i> )	Pratiksha Neha. S	II-B.Sc
5	Comparison of Plant Growth under Hydroponics and under Regular conditions	Neha. S Pratiksha	II-B.Sc
6	Green Auditing 2020-2021	Surya. E.M. Keerthana Rajesh	II-B.Sc

	Jagadeesan Aravind	
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### Department of Advanced Zoology and Biotechnology

S.No.	Title	Name of Student	Class
1	Effect of Spirulina as Feed and its Potential Benefits of Curing Ammonia Poisoning in Oranda Goldfish ( <i>Carassius auratus auratus</i> )	Vaibhav. S	III B.Sc.
2	Effect of Spirulina on Pigmentation in goldfish ( <i>Carassius auratus auratus</i> )	Swararaman. I	III B.Sc.
3	Bird Diversity Analysis and Effects of Lunar Rhythm on Bird Diversity and Population at Sembakkam Lake	Vignesh. S Balaji. D Naveen.S	II B.Sc.

### Industrial Visits

S.No.	Place of Visit	Date	No. of Beneficiaries	Class	Department
1	Clean Green Biosystems, Thirumudivakkam	24.03.2021	33	III B.Sc.	AZBT

### Training Programs participated by students

S.No.	Programme	Participants	Venue	Date	Department
1	Mathematics Training & Talent Search (MTTS) Programme 2020	Ezhilarasi Munirajan	Online mode (organized by MTTS trust)	4.10.2020 to 24.10.2020	Mathematics
2	Indian Academy of Sciences (IAS)- Summer Research	EzhilarasiMunirajan	Online mode	7.6.2021 To 1.8.2021	Mathematics

	Fellowship Programme				
3	Exposys Data Labs : Front End Developer Intern	Yogeshwaran.A Sankar.S Sheik Mohideen .A Vignesh.S	Online mode	5.3.2021 to 5.4.2021	Mathematics
4	The Sparks foundation: Web Developer Intern	Yogeshwaran	Online mode	1.6.2021 to 1.7.2021	Mathematics
5	The Sparks foundation: Data Scientist Intern	Sheik Mohideen.A	Online mode	1.6.2021 to 1.7.2021	Mathematics
6	Certificate course on “Accounting Software on basics of Tally”	AbishekBalaji.A Vignesh .S Surya .N Pooja .V Nivetha .K Dhinesh Soniya Swetha Ranjith.K Vishaal.S.J Dharshini. N Jayapal Sathishkumar Lavanya Hemalatha Pavithra SathyaPriya	Online mode	12.6.2021 to 19.6.2021	Mathematics
7	Sales and Marketing internship in Universal tribes	Rajesh Kumar.C	Online mode	29.6.2021 to 29.7.2021	Mathematics
8	Workshop on Pre-placement training	AbishekBalaji	Guru Nanak College (Autonomous), Chennai	14.6.2021 to 16.6.2021	Mathematics
9	EK BHARAT SHRESHTA	Akshayasri.C	NCC Directorate of	22.3.2021 to	Chemistry

	BHARAT (EBSB) Camp		Haryana, Punjab, H.P, Chandigarh.	27.3.2021	
10	Short Term Course On Fundamentals of Nanomaterials	Anand.C	SA College Engineering, Chennai.	29.06.2021	Chemistry
11	One day Training program for Women on “Value added products from Spirulina for Livelihood”	SubasriRajkiran Rohini.B LekhaPriya.B Kaviyasri Saraswathi Neha.N Aishwarya.K Shreya Mukhopadhyay Akshaya.K Divyalakshmi.S Rajlakshmi.T Priyanka .G Divya.R GazalaParveen Sneha.P Akila. K Leo Licia.S Deepika. S Srilekha. K Tharika.D.S. Nithyapriya. M Rupasrilekha.S Ramya.J Deepika.A Suba Soniya.S Gowsalya.S Ammulu. S Vijitha.S Haripriya ChilukuriPriyadhars hini Gayathri.G	Guru Nanak College (Autonomous , Chennai	10.03.2021	Guru Nanak Centre for Research (GNCR) and Department of Advanced Zoology &Biotechnol ogy

12	Hands on Training Programme on “Product Development from Spirulina”	ChilukuriPriyadhars hini Ammulu.S Rupasrilekha .S Vijitha.T Gowsalya .S Pavithra Tamllarasi Ramya.J Subasoniya Deepika Srilekha Deepika.S Kavijasree Snehalatha.S Swetha Kowsalya.K Agalya.P Hemalatha.P Kavipriya.R Meenakshi.V Pooja.R Brindh.M Meenakshi.R Sosini.S Yamuna.E Sathyabharathi.P Durga.K Vinodhini.M	Dept. of AZBT	11.03.2021	Guru Nanak Centre for Research (GNCR) and Department of Advanced Zoology and Biotechnology
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### **Training received by faculty from participating departments**

S.No.	Name of Faculty & Department	Program	Venue	Duration
<b>Department of Mathematics</b>				
1	Dr. T. Subhramaniyan	FDP on “Zooming the zoom”- Special mention to White Board”	Online School of sciences, GNC	24.06.2020

2	Dr. P. Sankar	FDP on “Zooming the zoom”- Special mention to White Board”	Online School of sciences, GNC	24.06.2020
3	K. Muthuvel	FDP on “Zooming the zoom”- Special mention to White Board”	Online School of sciences, GNC	24.06.2020
4	Dr. P. Nedumaran	FDP on “Zooming the zoom”- Special mention to White Board”	Online School of sciences, GNC	24.06.2020
5	J. Vaishnavi	FDP on “Zooming the zoom”- Special mention to White Board”	Online School of sciences, GNC	24.06.2020
6	Dr. P. Sankar	Refresher Course in Mathematics	Online	09.12.2020 to 22.12.2020
7	K. Muthuvel	Refresher Course in Mathematics	Online	09.12.2020 to 22.12.2020

### **Department of Chemistry**

8	Dr. R. M. Ezhilarasi	MOOC MER Workshop - Management of Environment and its Resources.	Nesamony Memorial Christian College, Marthandam and St.Xavier’s College, Palayamkottai	28.04.2020 to 11.05.2020
		Webinar Revisiting Environmental Conservation through Spirituality - The Indian way	SSUN	20.04.2020
		National Webinar on Cyber Crime during Coronavirus Era: Prevention & Protection".	SSB Mandal’s C.T.Bora College, Shirur, Pune Dist.	04.05.2020
		Webinar A Virtual visit to the home of	SRMIST	02.05.2020

	electrons		
	Webinar - Autonomy and Academic Independence	SSUN	02.05.2020
	WEBINAR Battery design from chemistry to system	Chemistry World	07.05.2020
	Webinar Molecular Visualisation Series on learning Chemistry through Odyssey and Spartan Softwares	Dept. of Chemistry, Janta Vedic College, Baraut in Collaboration with Wave funation Inc., USA and NEOTEL SYSTEMS and SERVICES	09.05.2020
	FDP Biomedical applications of Nanomaterials	RMD Engineering College	11.05.2020 and 12.05.2020
	Intl. Level Webinar Functional Novel Materials for Electrochemical Sensors	Thiagarajar College, Madurai	15.05.2020
	Webinar Nuances of Scholarly Writing and Manuscript Preparation	Stella Maris College, Chennai	18.05.2020
	Workshop - Springer	Springer	20.05.2020
	Webinar ICT Tools for College Teachers	SKP College of Arts and Science and Commerce, Nagpur	28.05.2020 and 29.05.2020
	Webinar Skill Net-Visual Classroom	Classle	06.06.2020
	Webinar Man's Journey Towards Last Rituals to Earth	Dept. of ISM, GNC	10.06.2020
	FDP Moodle Learning Management System	MannarThirumalai Naicker College, Madurai & Spoken Tutorial,	06.06.2020 to 10.06.2020

			IIT Bombay	
		FDP on Digital education Tools for Teachers	Online , Dept. of Mgt. Studies, UNOM	18.06.2020-19.06.2020
		Webinar-Online TLA	INPODS	19.06.2020
		Webinar-CO-PO Attainment Computation and Outcomes Analysis	INPODS	19.06.2020
		Online National Workshop entitled 'ICT Tools for Chemistry	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMMNMTT of Ministry of Education	22.02.2021

		FDP – Traditional Classroom to Virtual Lab : Improvisation of Teaching & Learning Chemistry	Online – AnwarulUldom College (Autonomous), Hyderabad	27.01.2021 to 02.02.2021
9	T. Saroja	International Webinar on “Enzymes- a long journey from the discovery to the market”	Guru Nanak College (Autonomous), Velachery, Chennai-600042	29.07.2020
		Webinar Skill Net-Visual Classroom	Classle	06.06.2020
		National E-Conference on NAAC’s New Framework of Accreditation & Assessment for Higher Educational Institution in India	IQAC- YashwantraoChavan School of Social Work, Satara, Maharashtra	08.07.2020
		Online Teaching with MOODLE	Department of Education and Education Technology, School of Social Sciences, University of Hyderabad	17.06.2020

		International Webinar on "21 Years of a European Synthetic Chemist in Japan"	Guru Nanak College (Autonomous), Velachery, Chennai	16.07.2020
		"Future of Higher Education - Nine Mega Trends"	ICT ACADEMY	30.06. 2020
10	Dr.R.Chitra	Basics in Chromatography	Online DIPAM foundation & Sheth M.N. Science college, Patan, Gujarat.	07-05-2020 to 16-05-2020
		Two week MOOC workshop for college teachers on 'Management of Environment and its Resources'	Online Department of Chemistry & Research, Nesamony Memorial Christian College, Marthandam & St. Xavier's College, Palayamkottai.	28.04.2020 to 11.05.2020
		National Level workshop on "Free ICT tools for e-content development and online Teaching,	Online GOJAN School of Business & Technology	06.06.2020 and 07.06.2020
		Certified Virtual Class Room Teacher	Classle SKILLNET	06.06.2020
		MOOCs , e-content Development and Open Educational Sources	Short Term Course, UGC-HRDC, University of Madras	16.08.2020 to 18.08.2020
		Online demonstration of google classroom and customization of certificates in certify'em	Online Dept.of Chemistry	26.06.2020
		Workshop on Discovering & Learning the Application of Statistics Using MS Excel	Online Guru Nanak Centre for Research, Guru Nanak College.	19.05.2020

		Zooming the zoom – special mention to white board	Online School of sciences, GNC	24.06.2020
		Hands-on workshop for Integrating External tools into Moodle	Online School of Sciences, GNC	23.07.2020 and 24.07.2020
11	Dr. B.Rajeswari,	Online Workshop on Discovering & Learning the Application of Statistics using MS Excel Organized by Guru Nanak centre for Research	Online	19.05.2020
		Online Course “ Basics in Chromatography” Organized by DIPAM foundation & Sheth, M.N. Foundation , Patna	Online Course	07.05.2020 to 16.05.2020
		Online Course “ A virtual Connect with Group Theory Organized by PG and Research Dept of Chemistry, D.G.Vaishnav College	Online Course	21.05.2020 to 31.05.2020
		Online FDP on “Zooming the zoom – special mention to white board, Organized by School of Sciences, Guru Nanak College	Online	24.06.2020
		Online National Workshop, Online Teaching and Learning using LMS moodle, Organized by Guru Angad Dev Teaching Learning, SGTB Khalsa College, University of Delhi	Online	17.07.2020 and 18.07.2020
		Online FDP Hands on Workshop For Integrating External tools into moodle, Organized by School of Sciences, Guru Nanak College	Online	23.07.2020 and 24.07.2020
		Online FDP on “ Innovative	Online Course	08.08.2020

		Pedagogy and Practices For Online Teaching and Learning” Organized by Guru Nanak centre for Research		
		Online Refresher course in Chemistry-conducted by UGC,HRDC, University of Madras	Online Course	27.01.2021 to 09.02.2021
12	Dr.S.E.Noorjahan	Online demonstration of google classroom and customization of certificates in certify'em	Online Dept.of Chemistry Guru Nanak College	26.06.2020
		Zooming the zoom – special mention to white board	Online School of sciences, Guru Nanak College	24.06.2020
13	Dr.N.Malarvizhi	Refresher course	HRDC University of Madras (through online)	27.1.2021 to 9.2.2021
		FDP	Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi. ( Online )	30.6.2020 to 4.7.2020
		“Online Demonstration of Google Classroom and Customization of Certificates in Certify'em”	Guru Nanak College Dept of Chemistry (DBT)	26.06.2020
		Online workshop Scientific writing for journals	Springer Nature	20.5.2020
		International workshop on digital portfolio through classdojo	Guru Nanak College Chennai	09.08.2020
14	E.Prathibha	“Hands-on workshop for Integrating External tools into Moodle”	Online	23.07.2020 to 24.07.2020

		Online Teaching - learning Using LMS Moodle	Online	17.07.2020 to 18.07.2020
		Workshop on Discovering & Learning the Application of Statistics Using MS Excel	Online	19.05.2020
		A virtual connect with group theory	Online	21.05.2020 to 31.05.2020
		Basics in Chromatography	Online	07.05.2020 to 16.05.2020
15	Dr.R.Rangasamy	Secondary ion mass spectroscopy workshop: Sensitive compositional analysis at the microand nanoscale	Select science US	05.05.2020
		DOZN 2.O, A quantitative Green Chemistry Evaluator	ACS	15.05.2020
		Research workflows, Research Metrics & Excellence in Academics	Elsevier	12.05.2020
		Online Demonstration of Google Classroom and Customization of Certificates in Certify'em		26.06.2020
16	Dr. S.S. Jayanthi	FDP on Web of Science and Endnote.	Guru Nanak College	03.07.2021
		Faculty Development Program on Scientific Paper writing for Newbies: Nuances, Tools and Techniques	Guru Nanak College	19.06.2021
		International webinar on Chemistry	American college, Madurai	29-05.2020
17	V. Porchezhiyan	Teacher to Educational Leader	Colombo Plan Staff College,	23.04.2020
		FDP on GChem painting and Libreoffice suite writer	D.K.M college for women, Vellore	04.05.2020 to

			10.05.2020
	Webinar on Principle and Applications of Electronic Spectroscopy	Annai College of Arts and Science, Kovilacheri, Kumbakonam	07.05.2020
	Webinar on Digital Technology and E-based Learning in TVET	Colombo plan staff college, Department of education complex, Meralco Avenue, Pasig city-1600, Metro Manila, Philippines	11.05.2020
	Workshop on Scientific writing for journals	Springer Nature	15.05.2020
	How to motivate students to learn science	SRM Institute of Science and Technology, Ramapuram Campus, Ch - 89	21.05.2020
	Fundamental concepts in physical chemistry and online help	SRM Institute of Science and Technology, Ramapuram Campus, Ch - 89	22.05.2020
	Effective Teaching Pedagogy	International School of management Patna	12.06.2020
	Electronic Spectroscopy and Pericyclic reactions	Seethalakshmi Rama swami college (Autonomous), Trichirappalli	17.06.2020 to 18.06.2020
	State level webinar series Day 1 on the topic Spectra of metal complexes	Anna Adarsh College for Women, Dept. of Chemistry, Anna Nagar, Ch-40	17.07.2020
	Online teaching – learning using LMS- Moodle	Guru Angad Dev Teaching learning centre, SGTB Khalsa College, University of delhi under the PMMMMNMTT of	24.07.2020 to 25.07.2020

			MHRD	
		State level webinar series Day 4 on the topic GROUP THEORY	Anna Adarsh College For Women, Dept. of Chemistry, Anna Nagar, Ch-40	25.07.2020
		Advances In Pure and Applied Chemistry	Presidency College, (Autonomous), Ch	06.08.2020 to 07.08.2020
		State level webinar series Day 8 on the topic "Pericyclic reaction"	Anna Adarsh College For Women, Dept. of Chemistry, Anna Nagar, Ch-40	08.08.2020

### **Department of Advanced Zoology and Biotechnology**

18	Dr.J.Jayanthi	Basics in Chromatography	Dipam Foundation and Sheth M. N. Science College, Patna	18.05.2020 to 27.06.2020
		The Role of Faculty in Preparing the Students industry Ready	SRM Arts and Science College	11.07.2020
		Exploring Virtual Connections in Google Platform	Sacred Heart College (Autonomous)	03-06-2020
		Course and Curriculum Design in Higher Education	Sri GVG Visalakshi College for Women	08-05-2020
		Managing intellectual Property in Universities	SWAYAM NPTEL	14.09.2020 to 31.10.2020
19	Dr.P.Lakshmi Devi	Basic in Chromatography	Dipam Foundation and Sheth M. N. Science College, Patna	07.05.2020 to 16.05.2020
		Wildlife Ecology	SWAYAM NPTEL	14.09.2020 to 04.12.2020
20	Dr.S.S.Jayaraj	Zooming the Zoom-special	Guru Nanak College	24.06.2020

		Mention to White Board		
		Innovative Pedagogy and Practices for Online Teaching and Learning	Guru Nanak College	08.08.2020
21	Dr. S. Bhuvanewari	Sci -lab Computational Software	Govt. Degree College for Women	08.06.2020 to 13.06.2020
		Workshop on Integrating Excel on Modules	Guru Nanak College, Chennai	23.07.2020 to 24.07.2020
		Wildlife Ecology	SWAYAM NPTEL	14.09.2020 to 04.12.2020
		Online Platform for Peer Interaction in Research	Guru Nanak College, Chennai	10.08.2020
22	Dr.S.Sharmila	Basic in Chromatography	Dipam Foundation and Sheth M. N. Science College, Patna	07.05.2020 to 16.05.2020

### **Department of Plant biology & Plant Biotechnology**

23	Dr.M. Gopi Dr. Poonam Sethi Dr. E. Gayathiri Dr.A.C.Tangavelou Dr.S. Nirmalraj	Mushroom Cultivation	Plant Biology and Plant Biotechnology Guru Nanak College	06.03.2020
24	Dr.M. Gopi Dr. Poonam Sethi Dr. E. Gayathiri Dr.A.C.Tangavelou Dr.S. Nirmalraj	Workshop on Organic farming and Vermicomposting	Plant Biology and Plant Biotechnology Guru Nanak College	04.03.2020

#### **List of exhibitions / seminars/ training course conducted by the college:**

S.No.	Exhibitions/seminars/training course	Department	Date	Beneficiaries
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1.	National level Webinar titled “Probabilistic Modeling”	Mathematics	29-07-2020	Students and Research Scholars
2.	Certification course titled “PCAP : Programming Essentials in Python”	Organized by the College for students of Mathematics (Certificate issued from Python Institute, Cisco Networking Academy)	Self-paced course for 18 hours	68
3	Live Quiz on Experimental Learning	Physics	08-07-2020	60
4	Webinar- Data Analysis	Physics	04-08-2020	50
5	Webinar-Plasma for Material Processing and Green Environment	Physics	05-09-2020	362

### **Department of Chemistry**

6	Introduction to spectroscopy and bonding in covalent compounds	Chemistry	06.06.2020	200
7	Online demonstration of google classroom and customization of certificates in certify'em	Chemistry	26.06.2020	100
8	Webinar on “21 years of European Chemist in Japan”	Chemistry	16.07.2020	232
9	International Webinar on “Enzymes- A long journey from the discovery to the market	Chemistry	29.07.2020	197
10	Out of syllabus	Chemistry	05.08.2020	123
11	Institution to Industry	Chemistry	18.03.2021	150
12	Virtual Intercollegiate Competition	Chemistry	22.03.2021	48

13	National Webinar on Opportunities for Young Chemists	Chemistry	18.06.2021	234
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**Department of Advanced Zoology and Biotechnology**

14	One day Training program for Women on “Value added products from Spirulina for Livelihood”	Guru Nanak Centre for Research (GNCR) and AZBT.	10.03.2021	29
15	Hands on Training Programme on “Product Development from Spirulina”	Guru Nanak Centre for Research (GNCR) and AZBT.	11.03.2021	29
16	National Level Webinar on “Our Solution are in Nature”	AZBT	05.06.2020	100
17	National Level Webinar on "Science Makes You Curious"	AZBT	11.07.2020	307
18	National Level Webinar on "In-vitro Animal Cell Line Culture and its Tangible Benefits"	AZBT	01.08.2020	373
19	International Level Webinar on "Recent Trends in Biomedical Sciences"	AZBT	24.08.2020 To 26.08.2020	400
20	International Level Webinar on "Urban Pest Control"	AZBT	11.12.2020	301
21	National Level Online Workshop on "Aquaculture and Fisheries: Development and Sustainability"	AZBT	13.08.2020 To 19.08.2020	1052

22	COVID – 19 Awareness Programme (Social Awareness Programme)	AZBT & The Greater Chennai Traffic Police	24.03.2021	34
<b><u>Department of Plant Biology and Plant Biotechnology</u></b>				
23	Fuschia Plant Expo	Plant Biology and Plant Biotechnology	19.03.2021	34

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<b><u>Department of Mathematics</u></b>				
1.	National level Webinar titled “Probabilistic Modeling”	Mathematics	29-07-2020	Students and Research Scholars
2.	Certification course titled “PCAP : Programming Essentials in Python”	Organized by the College for students of Mathematics (Certificate issued from Python Institute, Cisco Networking Academy)	Self-paced course for 18 hours	68
3	Live Quiz on Experimental Learning	Physics	08-07-2020	60
4	Webinar- Data Analysis	Physics	04-08-2020	50
5	Webinar-Plasma for Material Processing and Green Environment	Physics	05-09-2020	362
<b><u>Department of Chemistry</u></b>				
6	Introduction to spectroscopy and bonding in covalent compounds	Chemistry	06.06.2020	200

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15	Hands on Training Programme on "Product Development from Spirulina"	Guru Nanak Centre for Research (GNCR) and AZBT.	11.03.2021	29
16	National Level Webinar on "Our Solution are in Nature"	AZBT	05.06.2020	100
17	National Level Webinar on "Science Makes You Curious"	AZBT	11.07.2020	307
18	National Level Webinar on "In-vitro Animal Cell Line Culture and its Tangible Benefits"	AZBT	01.08.2020	373
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21	National Level Online Workshop on "Aquaculture and Fisheries: Development and Sustainability"	AZBT	13.08.2020 to 19.08.2020	1052
22	COVID – 19 Awareness Programme (Social Awareness Programme)	AZBT & The Greater Chennai Traffic Police	24.03.2021	34

### **Department of Plant Biology and Plant Biotechnology**

23	DBT- Star College scheme on Mushroom Cultivation	Plant Biology and Plant Biotechnology	05.05.2019	100
24	DBT- Star College scheme on Mushroom Cultivation	Plant Biology and Plant Biotechnology	06.03.2019	100
25	Seed For Your Future (Seed Balls Preparation)	Plant Biology and Plant Biotechnology	21.09.2019	134
26	Medicinal Plant Expo 2020	Plant Biology and Plant Biotechnology	10.01.2020	72
27	Fuschia Plant Expo	Plant Biology and Plant Biotechnology	19.03.2021	34

### **Name, Designation, Host institute of Guest Faculty invited**

#### **Department of Mathematics**

S.No.	Name	Designation	Institute
1.	Dr. V. Thangaraj	Former Director & Head, Department of Mathematics	Ramanujan Institute for Advanced Studies in Mathematics, University of Madras
2	Mr. S. Ravneet Singh	Project Manager	Asia Pacific – EcoSikh

#### **Department of Physics**

3	Dr. S. Yugeswaran M.Sc., Ph.D.,	UGC-Assistant Professor	Department of Physics, Pondicherry University, Puducherry
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**Department of Chemistry**

4	Dr.LaureanIlies	Team Leader AdvancedOrganic Synthesis Research Team	RIKEN Center for Sustainable Resource Science, 2-1, Hirosawa, Wako, Japan
5	Dr.ChiaraRutanen	Academy of Finland Post Doctoral Fellow,	Department of Chemistry, University of Eastern Finland, Finland.
6	Dr. S.Balasubramanian	Secretary, RSC (South India) Professor	Dept. of Inorganic Chemistry University of Madras.
7	Ms.Gotha Hari Priya	Life Coach	Coimbatore

**Department of Advanced Zoology and Biotechnology**

8	Dr. K. VeenaGayathri	Assistant Professor	Dept. of Biotechnology, Stella Maris College (Autonomous), Chennai
9	Dr. BharathiRavikrishnan	Assistant Professor and Head	Department of Biotechnology, Guru Nanak College (Autonomous), Ch
10	Dr. A. Sait Sahul Hameed	OIE Expert & FNAAS Tata Innovation Fellow (DBT – Govt. of India)Associate Professor of Zoology (Rtd.),	Aquatic Animal Health Laboratory (NABL Accredited), OIE Reference Laboratory, C.Abdul Hakeem College, Vellore
11	Dr. K. Altaff	Professor, Department of Marine Biotechnology	AMET Deemed to be University,Kanathur, Ch
12	Dr. DeboralVimala	Principal Scientist , Social Science Division (SSD),	ICAR-CIBA, Santhome High Road, MRC Nagar, Chennai, Tamil Nadu.
13	Dr. V. ShanmugaArasu	Asst. Project Manager, Seabass & Mangrove Crab Hatchery Project,	Rajiv Gandhi Centre for Aquaculture, Research & Development Centre of MPEDA, Ministry of Commerce & Industry, Govt. of India.
14	Dr. M. Jai Kumar	Field Scientist.	Sea6 Energy Pvt, Ltd. Tuticorin
15	Dr. M. Kailasam	Principal Scientist & SIC,	ICAR-CIBA, Santhome

		Fish Culture Division (FCD),	High Road, MRC Nagar, Chennai, Tamil Nadu.
16	Dr. P. Santhanam	Associate Professor Marine Planktonology & Aquaculture Lab., Dept. of Marine Science, School of Marine Sciences	Bharathidasan University, Tiruchirappalli
17	Dr. SelvarajArokiyaraj	Assistant Professor, Department of Food Science and Biotechnology,	Sejong University, South Korea.
18	Dr. K. Karunamoorthi	Public Health Entomologist, Faculty of Public Health & Tropical Medicine,	Jazan University, Kingdom of Saudi Arabia
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20	Dr. ParthoDhang	Entomologist, Author,Editor with CABI Technical Consultant	International Pest Control Magazine, Mania, Philippines
21	Mrs. S. Indumathi	District Coordinator and Proprietor,	Natural Spirulina
22	Dr. P. Mahalakshmi	Assistant Professor	Dept. of Biotechnology, Guru Nanak College
23	Dr. S. Hemalatha	Prof. & Dean,	B.S. Abdur Rahman Crescent Institute of Science & Technology,
24	Dr. Ramesh Prabu	Medical Review Safety Physician,	Accenture in India (Pharmacovigilance), Ch
25	Dr. P. Raghu Babu	Deputy General Manager – Product Development,	Cellbios Healthcare and Life Sciences Pvt. Ltd. Kelambakkam
26	Dr. P. Arumugam, Ph.D.	Director,	ArmatsBiotex Research and Training Institute, Chennai
27	Dr. Prem Kumar	Visiting Scientist.	Department of Ecology, Stockholm University, Sweden
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29	Dr. Arul	Assistant Professor,	Department of Botany Sri Vijay Vidhyalaya College of Arts and Science, Dharmapuri
30	Dr. Abdul Jalil	Assistant Professor	Department of Biotechnology New College, Chennai
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